From: Smalley, Bryant [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C30F620D6FE746FE8647C918D053DAA8-SMALLEY, BRYANT]

Sent: 9/1/2017 1:52:25 AM

To: Gray, David [gray.david@epa.gov]; Coleman, Sam [Coleman.Sam@epa.gov]; Carroll, Craig [Carroll.Craig@epa.gov];

Smith, Monica [smith.monica@epa.gov]; Edlund, Carl [edlund.carl@epa.gov]; Phillips, Pam [phillips.pam@epa.gov]

Subject: Fwd: 31 Aug 2017 -- ASPECT update 16 -- 1720

Attached is the latest summary report from the ASPECT overflights. ASPECT is returning to Addison to replace a sensor and a brief rest for the crew. They will be on call for an emergency tonight and prepared to operate out of the Houston Hobby airport for the next few days. If not called out tonight they will be airborne by 0500.

Bryant Smalley

Sent from my iPhone

Begin forwarded message:

From: "Bernier, Roberto" < bernier.roberto@epa.gov >

Date: August 31, 2017 at 8:22:36 PM CDT

To: "Smalley, Bryant" < smalley.bryant@epa.gov>

Subject: Re: 31 Aug 2017 -- ASPECT update 16 -- 1720

Yep

Sent from my iPhone

On Aug 31, 2017, at 8:20 PM, Smalley, Bryant <smalley.bryant@epa.gov> wrote:

Did you get this yet?

Bryant

Sent from my iPhone

Begin forwarded message:

From: "Cardarelli, John" < <u>Cardarelli.John@epa.gov</u>>

To: "Thomas, Mark J." < Thomas Marki@epa.gov>, "Martin,

John" < martin.john@epa.gov>, "Beorn Leger"

< beornleger@airborneaspect.com >, "Rhotenberry, William"

<Rhotenberry.William@epa.gov>, "Kudarauskas, Paul"

< Kudarauskas. Paul@epa.gov >, "Curry, Tim"

<<u>Curry.Timothy@epa.gov</u>>, "Kroutil, Robert"

<robert.kroutil@kalmancoinc.com>, "Delgado, Eric"

<<u>Delgado.Eric@epa.gov</u>>, "R6HarveyENVL"

<R6HarveyENVL@epa.gov>, "Leonova, Larisa"

<leonova.larisa@epa.gov>, "Rauscher, Jon"

<Rauscher.Jon@epa.gov>,

"Janine.Latham@WestonSolutions.com"

<Janine.Latham@WestonSolutions.com>, "Smalley, Bryant"

<smalley.bryant@epa.gov>, "Cardarelli, John"

<Cardarelli.John@epa.gov>

Cc: "'Sam Fritcher'" <samfritcher@airborneaspect.com>, "Jeff

Stapleton" < jeff.stapleton@kalmancoinc.com>

Subject: Re: 31 Aug 2017 -- ASPECT update 16 -- 1720

Attached is the latest version of the ASPECT "living" summary report. It will be the final report for today.

Key additions include (1) infrared images, (2) additional spectra for benzoyl peroxide, (3) new/updated operational challenges, (4) current ASPECT team and aircrew members.

Please send any questions or comments on the report to John Cardarelli.

Please address all questions about ASPECT activities to Mark Thomas.

John Cardarelli II

CAPT Public Health Service

Health Physicist

Environmental Protection Agency

CBRN Consequence Management Advisory Division

4900 Olympic Blvd

Erlanger, KY 41018

859-594-6529 w

513-675-4745 с

From: Thomas, Mark J.

Sent: Thursday, August 31, 2017 4:58 PM

To: Thomas, Mark J.; Martin, John; Beorn Leger; Rhotenberry, William; Kudarauskas, Paul; Curry, Tim; Kroutil, Robert; Delgado, Eric; R6HarveyENVL; Leonova, Larisa; Rauscher, Jon; Janine.Latham@WestonSolutions.com; Smalley, Bryant; Cardarelli, John Subject: 31 Aug 2017 -- ASPECT update 15 -- 1555

Refueling ops have been completed. The crew was able to push a large amount of data up to the server. We are working the data at this time. We are returning to the Arkema site ASAP.

The team is just about to start full resolution processing of the most recent data. I will send out products as soon as possible.

Mark Thomas, PhD
ASPECT Program Manager
Field Operations Branch
CBRN Consequence Management Advisory Division
EPA Office of Emergency Management
11201 Renner Blvd
Lenexa, KS 66219

Office: 913-551-5018 Cell: 513-675-4753

<Preliminary Report for ASPECT Hurricane Harvey v3.pdf>